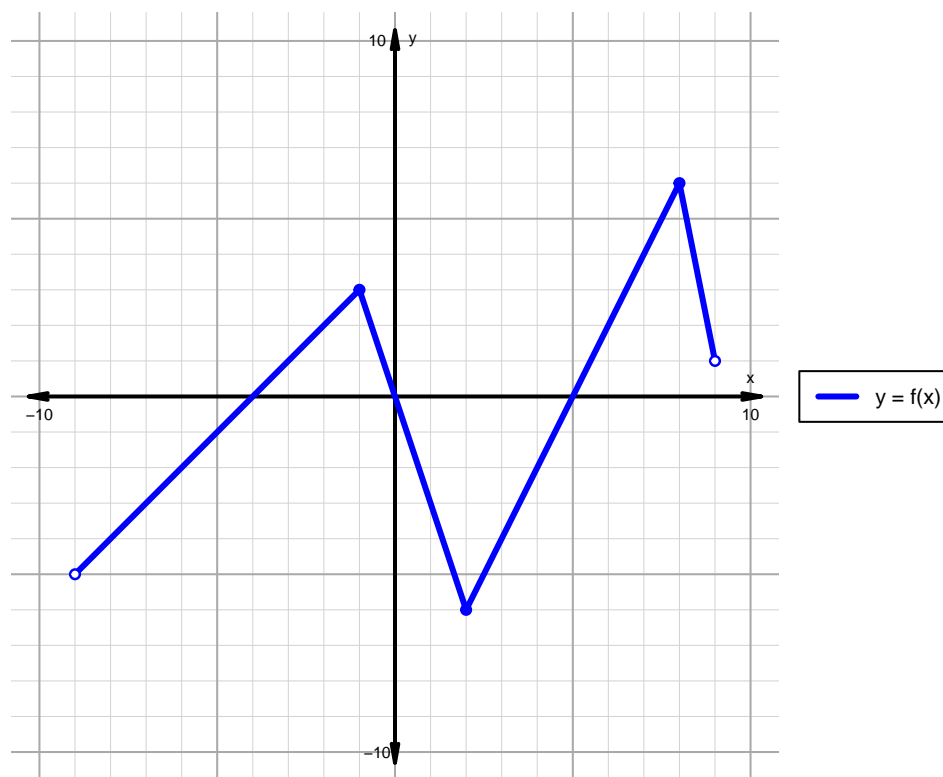


Name: _____

Date: _____

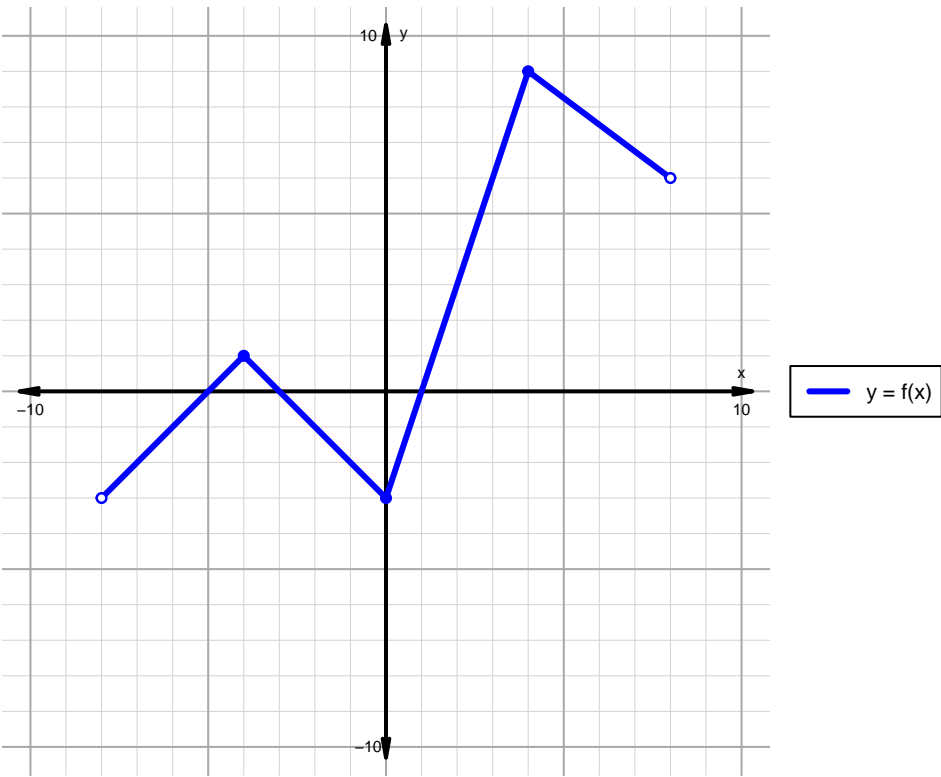
Function-Feature Intervals (version 19)1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-4, 0) \cup (5, 9)$
Negative	$(-9, -4) \cup (0, 5)$
Increasing	$(-9, -1) \cup (2, 8)$
Decreasing	$(-1, 2) \cup (8, 9)$
Domain	$(-9, 9)$
Range	$(-6, 6)$

Function-Feature Intervals (version 19)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-5, -3) \cup (1, 8)$
Negative	$(-8, -5) \cup (-3, 1)$
Increasing	$(-8, -4) \cup (0, 4)$
Decreasing	$(-4, 0) \cup (4, 8)$
Domain	$(-8, 8)$
Range	$(-3, 9)$